

FORM PTO-1449 (modified)  
 To: U.S. Department of Commerce  
 (PW FORM PAT-1449)  
 Patent and Trademark Office

Atty. Dkt. No.	M#	Client Ref.
	0306944	082018

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Date: November 19, 2003

Page **1** of **2**

Applicant: Lawrence J. O'CONNOR

Appln. No.: New Appln.

Filing Date: November 19, 2003

Examiner: Group Art Unit:

**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
SPC	AR	Des. 421,502	03/2000	Felch et al.			
SPC	BR	US 2002/0100231 A1	08/2002	Miller et al.			
SPC	CR	US 2002/0152712 A1	10/2002	Smith			
SPC	DR	US 2003/0079421 A1	05/2003	Yang			
SPC	ER	2,042,692	06/1936	D.B. Wurzburg			
SPC	FR	3,010,589	11/1961	F.J. Stephens et al.			
SPC	GR	3,014,829	12/1961	E. Curtin			
SPC	HR	3,135,647	06/1964	B.O. Wheeley			
SPC	IR	3,937,640	02/1976	Tajima et al.			
SPC	JR	4,349,593	09/1982	Blechstein			
SPC	KR	4,554,194	11/1985	Haas et al.			
SPC	LR	4,695,493	09/1987	Friedlander et al.			
SPC	MR	4,988,551	01/1991	Zegler			
SPC	NR	4,849,267	07/1989	Ward et al.			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
SPC	OR	WO 90/10112	09/1990	WIPO	O'Connor		X	
SPC	PR	WO 98/56977	12/1998	WIPO	Mashburn		X	
SPC	QR	DT 26 04 258	06/1977	Germany				
	RR							
	SR							
	TR							
	UR							
	VR							
	WR							
	XR							

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

YR			
ZR			
AAR			
BBR			
CCR			
DDR			

Examiner *Chen Sing B* Date Considered: *2/17/05*

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTC-1449 (modified)  
 To: U.S. Department of Commerce  
 (PW FORM PAT-1449)  
 Patent and Trademark Office

Atty. Dkt. No.	M#	Client Ref.
	0306944	

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Date: November 19, 2003

Page **2** of **2**

Applicant: Lawrence J. O'Connor

Appln. No.: New Appln.

Filing Date: November 19, 2003

Examiner: Group Art Unit:

**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
SPC	AR	4,907,387	03/1990	Turnbull			
SPC	BR	5,204,155	04/1993	Bell et al.			
SPC	CR	5,475,952	12/1995	O'Connor			
SPC	DR	5,613,339	03/1997	Pollock			
SPC	ER	5,794,390	08/1998	Oliveri et al.			
SPC	FR	5,904,011	05/1999	Biro			
SPC	GR	5,913,784	06/1999	Hite			
SPC	HR	6,235,365 B1	05/2001	Schaughency et al.			
SPC	IR	6,357,189 B2	03/2002	Schlisner			
SPC	JR	6,374,555 B1	04/2002	Gusler			
SPC	KR	6,427,395 B1	08/2002	Elsasser et al.			
SPC	LR	6,453,630 B1	09/2002	Buhrts et al.			
MR							
NR							

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract	Translation Readily Available
						Enclosed	No
OR							
PR							
QR							
RR							
SR							
TR							
UR							
VR							
WR							
XR							

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

YR			
ZR			
AAR			
BBR			
CCR			
DDR			

Examiner *Chan, Sung B.* Date Considered: *2/17/05*

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)  
 To: U.S. Department of Commerce  
 (PW FORM PAT-1449)  
 Patent and Trademark Office



Atty. Dkt. No.	M#	Client Ref.
	306944	

Applicant: O'CONNOR

Appln. No.: 10/715,566

Filing Date: November 19, 2003

Examiner: NOT  
ASSIGNED

Date: June 28, 2004

Page **1** of **1**

### U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
SPC	AR 3,900,656	08/1975	Schmidt	—	—	
SPC	BR 4,421,809	12/1983	Bish et al.	—	—	
SPC	CR 5,104,712	04/1992	Walters	—	—	
SPC	DR 5,612,113	03/1997	Irwin, Sr.	—	—	
SPC	ER 5,763,040	06/1998	Murphy et al.	—	—	
SPC	FR 5,766,722	06/1998	Morimoto	—	—	
SPC	GR 5,993,534	11/1999	Winterowd et al.	—	—	
SPC	HR 6,479,125	11/2002	Irwin, Sr.	—	—	
SPC	IR 6,689,447	02/2004	Prevost	—	—	
JR						
KR						
LR						
MR						
NR						

### FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
SPC	OR WO 91/00804	01/1991	WIPO	Walters				
PR								
QR								
RR								
SR								
TR								
UR								
VR								
WR								
XR								

### OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR			
ZR			
AAR			
BBR			
CCR			

Examiner

*Chan Sing Po*

Date Considered:

*2/17/05*

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.